Curriculum Vitae

CHENG-HSIEN LI (李澄賢), Ph.D.

Institute of Human Resource Management

College of Management

National Sun Yat-sen University

No. 70, Lienhai Rd., Kaohsiung 80424, Taiwan

Room: 4046-2

Phone: 866-7-525-2000 ext. 4936

Fax: 866-7-525-4936

Email: lichengh@mail.nsysu.edu.tw

ACADEMIC APPOINTMENTS

Associate Professor, Institute of Human Resource Management (人力資源管理研究所), College of Management, National Sun Yat-sen University (國立中山大學), Taiwan — 2021.08–present

Assistant Professor, Institute of Human Resource Management (人力資源管理研究所), College of Management, National Sun Yat-sen University (國立中山大學), Taiwan — 2016.02–2021.07

Director, Office of Accreditation and Assessment (國際認證暨評量辦公室), College of Management, National Sun Yat-sen University (國立中山大學), Taiwan — 2016.09–2019.12

Assistant Professor, Children's Learning Institute, Department of Pediatrics, University of Texas Health Science Center at Houston – Medical School, USA — 2014.09–2016.01

EDUCATION

Ph.D., Measurement and Quantitative Methods, Department of Counseling, Educational Psychology, and Special Education, Michigan State University, East Lansing, MI — 2014
Major: Quantitative Methods (量化研究方法)

Master of Arts, Education, National Chengchi University (國立政治大學), Taipei, Taiwan — 2004
Major: Educational Psychology and Counseling (心理與諮商輔導組)

Bachelor of Science, Mathematics (*summa cum laude*), National Central University (國立中央大學), Chungli, Taiwan — 2002
Major: Mathematics
Special program: Secondary Teacher Education (中學教育學程)

REFEREED PUBLICATIONS (corresponding author denoted with[*]; IF = Journal Impact Fact; CI = Journal Citation Indicator)

Li, C., & Traynor, A. (2026). An iterative strategy for referent variable selection in MIMIC-Interaction Modeling. *Behavior Research Methods. Advance online publication.* [SSCI: Impact Factor = 3.9 & Citation Indicator = 1.50; IF Rank = 1/13 & CI Rank = 1/13 in Psychology, Mathematical; IF Rank = 5/102 & CI Rank = 10/102 in Psychology, Experimental; Times Cited: 0]

Wang, C., Yang, S., & **Li, C.*** (2026). Development and validation of the workplace friendship questionnaire: Using Pillemer and Rothbard's theoretical framework. *Current Psychology. Advance online publication.* [SSCI: Impact Factor = 2.6 & Citation Indicator = 0.97; IF Rank = 55/221 & CI Rank = 63/221 in Psychology, Multidisciplinary; Times Cited: 0]

Hsu, C., & **Li, C.*** (2026). The Relationship between getting off work on time and organizational commitment via work–life balance and perceived organizational support: Workaholism as a moderator. *Current Psychology. Advance online publication.* [SSCI: Impact Factor = 2.6 & Citation Indicator = 0.97; IF Rank = 55/221 & CI Rank = 63/221 in Psychology, Multidisciplinary; Times Cited: 0]

Fang, C., **Li, C.**, Hsiao, S., Lin, C., Hwang, F., Chou, F., & Ma, S. (2025). Nurses' perceptions of authentic leadership and quality of nursing care: The mediating role of psychological empowerment. *Journal of Nursing Management. Advance online publication.* [SSCI: Impact Factor = 4.0 & Citation Indicator = 1.37; IF Rank = 6/193 & CI Rank = 19/193 in Nursing; Times Cited: 0]

Traynor, A., **Li, C.**, & Zhou, S. (2025). Examining the instructional sensitivity of constructed-response achievement test item scores. *Educational and Psychological Measurement. Advance online publication.* [SSCI: Impact Factor = 2.3 & Citation Indicator = 0.92; IF Rank = 29/74 & CI Rank = 40/74 in Psychology, Educational; IF Rank = 40/136 & CI Rank = 31/136 in Mathematics, Interdisciplinary Application; Times Cited: 1]

Fang, C., **Li, C.**, Ma, S., Hwang, F., Martins, M., & Chou, F. (2025). Psychometric properties of the Chinese version of the quality of nursing care scale among hospital nurses: A bifactor exploratory structural equation modeling analysis. *BMC Nursing, 24,* 343. [SSCI: Impact Factor = 3.9 & Citation Indicator = 1.94; IF Rank = 9/199 & CI Rank = 5/199 in Nursing; Times Cited: 1]

Li, C. (2025). Empirical selection of referent variables: Comparing multiple-indicator multiple-cause-interaction modeling and moderated nonlinear factor analysis. *Psychological Methods, 30*, 1056-1078. [SSCI: Impact Factor = 7.8 & Citation Indicator = 2.9; IF Rank = 9/221 & CI Rank =12/221 in Psychology, Multidisciplinary; Times Cited: 1]

Yu, C., Chang, Y., **Li, C.**, & Wu, H. (2023). From emotion beliefs to regulatory behavior: Gratitude journaling initiation and outcomes. *Journal of Happiness Studies, 24,* 57-78. [SSCI: Impact Factor = 3.3 & Citation Indicator = 1.38; IF Rank = 32/221 & CI Rank = 28/221 in Psychology, Multidisciplinary; IF Rank = 21/271 & CI Rank = 31/271 in Social Sciences, Interdisciplinary; Times Cited: 8]

Kao, K., Hsu, H., **Li, C.***, Huang, Y., & Tai, N. (2023). Validation of a Chinese version of Zohar and Luria's shortened safety climate measure. *Current Psychology, 42,* 19740-19750. [SSCI: Impact Factor = 2.6 & Citation Indicator = 0.97; IF Rank = 55/221 & CI Rank = 63/221 in Psychology, Multidisciplinary; Times Cited: 3]

Li, C. (2021). Statistical estimation of structural equation models with a mixture of continuous and categorical observed variables. *Behavior Research Methods, 53,* 2191-2213. [SSCI: Impact Factor = 3.9 & Citation Indicator = 1.50; IF Rank = 1/13 & CI Rank = 1/13 in Psychology, Mathematical; IF Rank = 5/102 & CI Rank = 10/102 in Psychology, Experimental; Times Cited: 152]

Li, C., & Wu, J. (2020). Psychometric evaluation of the Chinese version of the Emotion Regulation Questionnaire in Taiwanese college students. *Assessment, 27,* 1300-1309. [SSCI: Impact Factor = 3.4 & Citation Indicator = 1.27; IF Rank = 32/185 & CI Rank =24/185 in Psychology, Clinical; Times Cited: 37]

Li, C. (2016). The performance of ML, DWLS, and ULS estimation with robust corrections in structural equation models with ordinal variables. *Psychological Methods, 21,* 369-387. [SSCI: Impact Factor = 7.8 & Citation Indicator = 2.9; IF Rank = 9/221 & CI Rank =12/221 in Psychology, Multidisciplinary; Times Cited: 824]

Li, C. (2016). Confirmatory factor analysis with ordinal data: Comparing robust maximum likelihood and diagonally weighted least squares. *Behavior Research Methods, 48,* 936-949. [SSCI: Impact Factor = 3.9 & Citation Indicator = 1.50; IF Rank = 1/13 & CI Rank = 1/13 in Psychology, Mathematical; IF Rank = 5/102 & CI Rank = 10/102 in Psychology, Experimental; Times Cited: 3561]

Diemer, M. A., **Li, C.**, Gupta, T., Uygun, N., Rogers-Sirin, L., & Sirin, S. R. (2014). Pieces of the immigrant paradox puzzle: Measurement, level, and predictive differences in precursors to academic achievement. *Learning and Individual Differences, 33,* 47-54*.* [SSCI: Impact Factor = 9 & Citation Indicator = 1.45; IF Rank = 2/74 & CI Rank = 12/74 Psychology, Educational; Times Cited: 24]

Diemer, M. A., & **Li, C.** (2012). Longitudinal roles of pre-college contexts in low-income youths' postsecondary persistence. *Developmental Psychology, 48,* 1686-1693. [SSCI: Impact Factor = 3.1 & Citation Indicator = 1.10; IF Rank = 27/94 & CI Rank = 28/94 in Psychology, Developmental; Times Cited: 63]

Raykov, T., Marcoulides, G. A., & **Li, C.** (2012). Measurement invariance for latent constructs in multiple populations: A critical view and refocus. *Educational and Psychological Measurement, 72,* 954-974. [SSCI: Impact Factor = 2.3 & Citation Indicator = 0.92; IF Rank = 29/74 & CI Rank = 40/74 in Psychology, Educational; IF Rank = 40/136 & CI Rank = 31/136 in Mathematics, Interdisciplinary Application; Times Cited: 104]

Li, C. (2012). Validation of the Chinese version of the Life Orientation Test with a robust weighted least squares approach. *Psychological Assessment, 24,* 770-776. [SSCI: Impact Factor = 3.3 & Citation Indicator = 1.27; IF Rank = 34/185 & CI Rank = 24/185 in Psychology, Clinical; Times Cited: 14]

Diemer, M. A., & **Li, C.** (2011). Critical consciousness and political engagement among marginalized youth. *Child Development, 82,* 1815-1833. [SSCI: Impact Factor = 3.8 & Citation Indicator = 1.41; IF Rank = 12/74 & CI Rank = 15/74 in Psychology, Educational; IF Rank = 16/94 & CI Rank = 17/94 in Psychology, Developmental; Times Cited: 597]

Li, C., & Wu, J. (2011). The structural relationships between optimism and innovative behavior: Understanding potential antecedents and mediating effects. *Creativity Research Journal, 23,* 119-128. [SSCI: Impact Factor = 3.1 & Citation Indicator = 1.10; IF Rank = 19/74 & CI Rank = 27/74 in Psychology, Educational; IF Rank = 41/221 & CI Rank = 48/221 in Psychology, Multidisciplinary; Times Cited: 186]

RESEARCH GRANTS

Principal Investigator, "A Repetitive or Iterative Strategy for Empirical Selection of Referent Variables: Using MIMIC-Interaction Modeling." Funded by the Ministry of Science and Technology (科技部), NTD 877,000 — 2021 –2022

Principal Investigator, "Statistical Estimation of Structural Equation Models with Ordered Categorical Data: A Comparison of Frequentist and Bayesian Approaches." Funded by the Ministry of Science and Technology (科技部), NTD 848,000 — 2020 –2021

Principal Investigator, "Using MIMIC-interaction Modeling and Moderated Nonlinear Factor Analysis to Locate Referent Variables." Funded by the Ministry of Science and Technology (科技部), NTD 1,696,000 — 2018 –2020

Principal Investigator, "Statistical Estimation of Structural Equation Models with a Mixture of Continuous and Ordinal Observed Variables: A Monte Carlo Simulation." Funded by the Ministry of Science and Technology (科技部), NTD 610,000 — 2017 –2018

Principal Investigator, "Identifying a Credible Referent Variable for Measurement Invariance Testing: A MIMIC-interaction Modeling Approach." Funded by the Ministry of Science and Technology (科技部), NTD 745,000 — 2016 –2017

Co-Investigator, "Development of school readiness curricular based measurement system." Funded by Institute of Education Sciences, NTD 49,654,000 — 2011 – 2015
Principal Investigator: Jason Anthony, Ph.D., University of Texas Medical School at Houston

HONORS AND AWARDS

World's Top 2% Scientists by Stanford University – 史丹佛大學全球前 2%頂尖科學家 — 2025
(Social Science Methods: Ranked 59th Worldwide, Ranked 1st in Taiwan; 社會科學方法領域：全球第 59 名、全國第 1 名)

University Excellence in Teaching Award – 中山大學校教學績優獎, National Sun Yat-sen University, Taiwan — 2025

World's Top 2% Scientists by Stanford University – 史丹佛大學全球前 2%頂尖科學家 — 2024
(Social Psychology: Ranked 387th Worldwide, Ranked 1st in Taiwan; 社會心理學領域：全球第 387 名、全國第 1 名)

University Excellence in Research Award – 中山大學校研究績優獎, National Sun Yat-sen University, Taiwan — 2024

World's Top 2% Scientists by Stanford University – 史丹佛大學全球前 2%頂尖科學家 — 2023
(Social Science Methods: Ranked 66th Worldwide, Ranked 1st in Taiwan; 社會科學方法領域：全球第 66 名、全國第 1 名)

University Distinguished Teaching Award – 中山大學校教學傑出獎, National Sun Yat-sen University, Taiwan	2022
World's Top 2% Scientists by Stanford University – 史丹佛大學全球前 **2%**頂尖科學家 (Social Science Methods: Ranked 70th Worldwide, Ranked 1st in Taiwan; 社會科學方法領域：全球第 70 名、全國第 1 名)	2022
University Excellent Advisor Award – 中山大學校優良導師獎, College of Management, National Sun Yat-sen University, Taiwan	2021
World's Top 2% Scientists by Stanford University – 史丹佛大學全球前 **2%**頂尖科學家 (Social Science Methods: Ranked 77th Worldwide, Ranked 1st in Taiwan; 社會科學方法領域：全球第 77 名、全國第 1 名)	2021
University Excellence in Teaching Award – 中山大學校教學績優獎, National Sun Yat-sen University, Taiwan	2019
College Excellent Advisor Award – 中山大學院優良導師獎, College of Management, National Sun Yat-sen University, Taiwan	2017
College Excellent Advisor Award – 中山大學院優良導師獎, College of Management, National Sun Yat-sen University, Taiwan	2017
Sun Yat-sen Junior Management Scholar Award – 中山大學管理學院逸仙新進管理學者獎, College of Management, National Sun Yat-sen University, Taiwan	2017
University New Faculty Award – 中山大學新進教師獎勵, National Sun Yat-sen University, Taiwan	2017
Sun Yat-sen Junior Management Scholar Award – 中山大學管理學院逸仙新進管理學者獎, College of Management, National Sun Yat-sen University, Taiwan	2016
University New Faculty Award – 中山大學新進教師獎勵, National Sun Yat-sen University, Taiwan	2016

TEACHING

Institute of Human Resource Management, National Sun Yat-sen University

Ph.D. Program
Seminar of Research Methods – Latent Variable Modeling 潛在變項模式 (Spring, 2016)
Test Construction and Development in Human Resource Management 人力資源管理的測驗與發展 (Fall, 2016; Fall, 2018)
Structural Equation Modeling 結構方程模式 (Fall, 2017; Fall, 2019-2022, Fall 2025)
Advanced Research Methods II 高等研究方法二 (Spring, 2018-2024)
Independent Studies of Assessment Methods in Workplace 人力資源測驗評量專題研究 (Spring, 2018-2026)
Seminar in Research Methods 研究方法專題研討(Fall, 2019-2025)

Master Program
Applied Statistics and Data Analysis 應用統計與資料分析 (Spring, 2016; Fall, 2016-2025)

Research Methodology in Human Resource Management II 人力資源研究方法二 (Spring, 2017-2024)

Quantitative Research Methods 量化研究方法 (Spring, 2025-2026)

International Business MBA, National Sun Yat-sen University

Statistics and Quantitative Methods 統計與計量方法 (Spring, 2017; Fall, 2017-2025)

PROFESSIONAL SERVICE

Academic Service

  (i) Invited Journal Manuscript Reviewer

International	**National**
Psychological Methods	中華心理學刊
Structural Equation Modeling	教育與心理研究
Behavior Research Methods	人力資源管理學報
Multivariate Behavioral Research	調查研究－方法與應用
Educational and Psychological Measurement	
Current Psychology	
Behaviormetrica	
Frontier in Education	
Frontier in Psychiatry	
Stress and Health	
Applied Research in Quality of Life	

CONFERENCE PRESENTATIONS [student co-authors denoted with[*]]

Li, C. (2025, July). *Cross-group latent mean comparisons under partial invariance conditions.* Poster presented at the 2025 European Conference on Psychological Assessment (ECPA), Barcelona, Spain.

Li, C., & Traynor, A. (2025, July). *Using MIMIC modeling to identify referent indicators for measurement equivalence testing*. Poster presented at the 2025 Annual Meeting of the Academy of Management (AOM), Copenhagen, Denmark.

Li, C. (2024, July). *The performance of latent mean estimates: comparing full and partial invariance models*. Poster presented at the 2024 International Meeting of Psychometric Society (IMPS), Prague, Czech Republic.

Wang, C.[*], Yang, S.[*], & **Li, C.** (2023, December). *Development and validation of the Workplace Friendship Questionnaire: Using Pillemer and Rothbard's theoretical framework.* Paper presented at the 2023 Annual Meeting of the Australian and New Zealand Academy of Management (ANZAM), Wellington, New Zealand.

Li, C., & Sun, G. (2023, July). *Empirical selection of referent variables: Using an iterative MIMIC-interaction modeling*. Poster presented at the 2023 International Meeting of Psychometric Society (IMPS), College Park, MD.

Hsu, C.[*], & **Li, C.** (2022, August). *Enhancing work-life balance by getting off work on time.* Paper presented at the 2022 Annual Meeting of the Academy of Management (AOM), Seattle, WA.

Li, C. (2021, July). *Ordinal confirmatory factor analysis: A comparison of Frequentist and Bayesian approaches*. Poster presented at the 2021 Virtual International Meeting of Psychometric Society (Virtual IMPS).

Li, C., & Yang, S.[*] (2019, July). *Identifying referent variable(s) using constant anchor method in MIMIC-interaction modeling*. Poster presented at the 2019 International Meeting of Psychometric Society (IMPS), Santiago, Chile.

Yang, S.[*], & **Li. C.** (2019, July). *The development of Workplace Friendship Scale*. Paper presented at the 2019 European Conference on Psychological Assessment (ECPA), Brussel, Belgium.

Li, C., & Yang. S.[*] (2018, July). *Statistical estimation of SEM models with mixed-scale observed variables*. Poster presented at the 2018 International Meeting of Psychometric Society (IMPS), New York, NY.

Li, C., & Jung. K. (2017, July). *Identifying one credible referent variable for measurement invariance testing: A MIMIC-interaction modeling approach*. Poster presented at the 2017 International Meeting of Psychometric Society (IMPS), Zürich, Switzerland.

Li, C. (2017, July). *Psychometric evaluation of the Chinese version of the Emotion Regulation Questionnaire in Taiwanese college students*. Poster presented at the 2017 European Conference on Psychological Assessment (ECPA), Lisbon, Portugal.

RESEARCH INTERESTS

Methodology: Factor Analysis, Measurement Invariance, Latent Growth Curve, Latent Class Analysis, Longitudinal Data Analysis, Categorical Data Analysis, Differential Item Functioning, Multilevel Modeling, & Generalized Linear Model

Developmental/Educational Psychology and Positive Psychology: Optimism, Creativity, Self-efficacy, Motivation, Learning, Resilience, & Educational Expectation

PROFESSIONAL AFFILIATIONS

American Psychometric Society

European Association of Psychological Assessment

Academy of Management
  (*Divisions: Organizational Behavior, Research Methods*)

American Psychological Association
  (*Division 15: Educational Psychology; Division 5: Evaluation, Measurement and Statistics*)

American Educational Research Association
  (*Division D: Measurement & Research Methodology*)

National Council on Measurement in Education